EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
11	20	framework same abstract near class and core and inherit\$4 and 717/100-123.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 17:59
L2	505	framework and 717/100-123.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 17:59
13	9	I2 and (report\$3 or screen) near2 class	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 18:00
S1	103	framework and abstract near class and core and inherit\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 17:58
S2	20	(framework and abstract near class and core and inherit\$4) and report and (screen or gui or user near interfac\$3) same input\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/08/10 14:30
S3	11	(framework and abstract near class and core and inherit\$4) and report and (screen or gui or user near interfac\$3) same input\$3 and compil\$5 and link and integrat\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 13:08
54	2	("5987247"):PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/08/10 14:00
S5	0	framework same abstract same business same inherit\$4 and report and (screen or gui or user near interfac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 13:11
S6	48	framework same abstract same inherit\$4 and report and (screen or gui or graphical near user near interface or user near interfac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 13:13
S7	42	(framework same abstract same inherit\$4 and report and (screen or gui or graphical near user near interface or user near interfac\$3)) and (business or enterprise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 13:17

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S8	4	((framework same abstract same inherit\$4 and report and (screen	US-PGPUB; USPAT;	OR	ON	2004/07/07 13:15
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		or gui or graphical near user near	EPO; JPO;			
		interface or user near interfac\$3))	DERWENT;			
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		and (start\$3 or begin\$3 or				
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Final report of the ANSI/X3/SPARC DBS-SG relational database task group

July 1982 ACM SIGMOD Record, Volume 12 Issue 4

Publisher: ACM Press

Full text available: pdf(4.69 MB) Additional Information: full citation

window

Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research

Publisher: IBM Press

Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

Level set and PDE methods for computer graphics

David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker August 2004 Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04

Publisher: ACM Press

Full text available: pdf(17.07 MB) Additional Information: full citation, abstract

Level set methods, an important class of partial differential equation (PDE) methods, define dynamic surfaces implicitly as the level set (iso-surface) of a sampled, evolving nD function. The course begins with preparatory material that introduces the concept of using partial differential equations to solve problems in computer graphics, geometric modeling and computer vision. This will include the structure and behavior of several different types of differential equations, e.g. the level set eq ...

Special issue: Al in engineering D. Sriram, R. Joobbani





April 1985 ACM SIGART Bulletin, Issue 92

Publisher: ACM Press

Full text available: mpdf(8,79 MB) Additional Information: full citation, abstract

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

The elements of nature: interactive and realistic techniques

Oliver Deusen, David S. Ebert, Ron Fedkiw, F. Kenton Musgrave, Przemyslaw Prusinkiewicz, Doug Roble, Jos Stam, Jerry Tessendorf

August 2004 Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH

Publisher: ACM Press

Full text available: pdf(17.65 MB) Additional Information: full citation, abstract

This updated course on simulating natural phenomena will cover the latest research and production techniques for simulating most of the elements of nature. The presenters will provide movie production, interactive simulation, and research perspectives on the difficult task of photorealistic modeling, rendering, and animation of natural phenomena. The course offers a nice balance of the latest interactive graphics hardware-based simulation techniques and the latest physics-based simulation techni ...

6 Object oriented reuse: experience in developing a framework for speech recognition applications



Savitha Srinivasan, John Vergo

April 1998 Proceedings of the 20th international conference on Software engineering

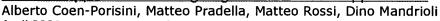
Publisher: IEEE Computer Society

Full text available: pdf(997.12 KB)

Publisher Site

Additional Information: full citation, references, citings, index terms

7 A formal approach for designing CORBA-based applications





Publisher: ACM Press

Full text available: pdf(478,44 KB)

Issue 3

Additional Information: full citation, abstract, references, citings, index terms

The design of distributed applications in a CORBA-based environment can be carried out by means of an incremental approach, which starts from the specification and leads to the high-level architectural design. This article discusses a methodology to transform a formal specification written in TRIO into a high-level design document written in an extension of TRIO, named TRIO/CORBA (TC). The TC language is suited to formally describe the highlevel architecture of a CORBA-based application. As a r ...

Keywords: CORBA, architectural design, control systems, formal methods, frameworks, object orientation, supervision, temporal logic

Exploiting space and location as a design framework for interactive mobile systems Alan Dix, Tom Rodden, Nigel Davies, Jonathan Trevor, Adrian Friday, Kevin Palfreyman September 2000 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 7

Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(282.97 KB) terms

This article considers the importance of context in mobile systems. It considers a range of context-related issues and focus on location as a key issue for mobile systems. A design framework is described consisting of taxonomies of location, mobility, population, and device awareness. The design framework inorms the construction of a semantic model of space for mobile systems. The semantic model is reflected in a computational model built on a distriuted platform that allows contextual info ...

Keywords: awareness, context information, design framework, location-sensitive applications, mobile systems, platform support, shared interaction, virtual space

Real-time shading

Marc Olano, Kurt Akeley, John C. Hart, Wolfgang Heidrich, Michael McCool, Jason L. Mitchell,

August 2004 Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH

Publisher: ACM Press

Full text available: pdf(7.39 MB) Additional Information: full citation, abstract

Real-time procedural shading was once seen as a distant dream. When the first version of this course was offered four years ago, real-time shading was possible, but only with oneof-a-kind hardware or by combining the effects of tens to hundreds of rendering passes. Today, almost every new computer comes with graphics hardware capable of interactively executing shaders of thousands to tens of thousands of instructions. This course has been redesigned to address today's real-time shading capabili ...

10 Launching the new era

Kazuhiro Fuchi, Robert Kowalski, Koichi Furukawa, Kazunori Ueda, Ken Kahn, Takashi Chikavama, Evan Tick

March 1993 Communications of the ACM, Volume 36 Issue 3

Publisher: ACM Press

Full text available: pdf(3.45 MB) Additional Information: full citation, references, index terms, review

Research directions in object-oriented database systems

Won Kim

April 1990 Proceedings of the ninth ACM SIGACT-SIGMOD-SIGART symposium on Principles of database systems

Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(2.02 MB) terms

The set of object-oriented concepts found in object-oriented programming languages forms a good basis for a data model for post-relational database systems which will extend the domain of database applications beyond conventional business data processing. However, despite the high level of research and development activities during the past several years, there is no standard object-oriented data model, and criticisms and concerns about the field still remain. In this paper, I will first pr ...

12 An axiomatic model of dynamic schema evolution in objectbase systems

Randel J. Peters, M. Tamer Özsu

March 1997 ACM Transactions on Database Systems (TODS), Volume 22 Issue 1

Publisher: ACM Press

Full text available: pdf(647.83 KB) Additional Information: full citation, references, citings, index terms

Keywords: dynamic schema evolution, object database management systems

13 Integrating SV systems: EVolve: an open extensible software visualization framework Qin Wang, Wei Wang, Rhodes Brown, Karel Driesen, Bruno Dufour, Laurie Hendren, Clark



Verbrugge

June 2003 Proceedings of the 2003 ACM symposium on Software visualization

Publisher: ACM Press

Full text available: pdf(933.25 KB) Additional Information: full citation, abstract, references, index terms

Existing visualization tools typically do not allow easy extension by new visualization techniques, and are often coupled with inflexible data input mechanisms. This paper presents EVolve, a flexible and extensible framework for visualizing program characteristics and behaviour. The framework is flexible in the sense that it can visualize many kinds of data, and it is extensible in the sense that it is quite straightforward to add new kinds of visualizations. The overall architecture of the frame ...

Keywords: JVMPI, Java, object-oriented systems, software visualization, trace-based visualization

14 The envoy framework: an open architecture for agents



Murugappan Palaniappan, Nicole Yankelovich, George Fitzmaurice, Anne Loomis, Bernard Haan, James Coombs, Norman Meyrowitz

July 1992 ACM Transactions on Information Systems (TOIS), Volume 10 Issue 3

Publisher: ACM Press

Full text available: pdf(2.47 MB)

Additional Information: full citation, abstract, references, citings, index terms

The Envoy Framework addresses a need for computer-based assistants or agents that operate in conjunction with users' existing applications, helping them perform tedious. repetitive, or time-consuming tasks more easily and efficiently. Envoys carry out missions for users by invoking envoy-aware applications called operatives and inform users of mission results via envoy-aware applications called informers. The distributed, open architecture developed for Envoys is derived from an analysis of ...

Keywords: application programmer interface, user agent

15 A framework for dynamic program analyzers



Bernd Bruegge, Tim Gottschalk, Bin Luo

October 1993 ACM SIGPLAN Notices, Proceedings of the eighth annual conference on Object-oriented programming systems, languages, and applications OOPSLA '93, Volume 28 Issue 10

Publisher: ACM Press

Full text available: pdf(2.16 MB) Additional Information: full citation, references, citings, index terms

16 Introducing application design and software engineering principles in introductory CS courses: model-view-controller Java application framework Scot F. Morse, Charles L. Anderson



December 2004 Journal of Computing Sciences in Colleges, Volume 20 Issue 2

Publisher: Consortium for Computing Sciences in Colleges

Full text available: ndf(361.90 KB) Additional Information: full citation, abstract, references

This paper presents an approach for introducing application design and software engineering principles early in the CS curriculum. When courses are taught in a language such as Java, programming labs may involve writing a complete application or applet. In these cases it is possible to introduce notions of software engineering principles alongside a topic such as object-oriented design. This paper presents a simple application framework in Java that follows a Model-View-Controller design and tha ...

17 Multimodal architectures and frameworks: A framework for rapid development of





multimodal interfaces

Frans Flippo, Allen Krebs, Ivan Marsic

November 2003 Proceedings of the 5th international conference on Multimodal interfaces

Publisher: ACM Press

Full text available: pdf(445.99 KB)

Additional Information: full citation, abstract, references, citings, index terms

Despite the availability of multimodal devices, there are very few commercial multimodal applications available. One reason for this may be the lack of a framework to support development of multimodal applications in reasonable time and with limited resources. This paper describes a multimodal framework enabling rapid development of applications using a variety of modalities and methods for ambiguity resolution, featuring a novel approach to multimodal fusion. An example application is studied t ...

Keywords: application frameworks, command and control, direct manipulation, multimodal fusion, multimodal interfaces

18 Special section: Reasoning about structure, behavior and function



B. Chandrasekaran, Rob Milne

July 1985 ACM SIGART Bulletin, Issue 93

Publisher: ACM Press

Full text available: pdf(5.13 MB) Additional Information: full citation, abstract, references

The last several years' of work in the area of knowledge-based systems has resulted in a deeper understanding of the potentials of the current generation of ideas, but more importantly, also about their limitations and the need for research both in a broader framework as well as in new directions. The following ideas seem to us to be worthy of note in this connection.

19 Introducing Ada 9X



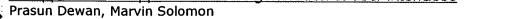
John Barnes

November 1993 ACM SIGAda Ada Letters, Volume XIII Issue 6

Publisher: ACM Press

Full text available: pdf(4.39 MB) Additional Information: full citation, citings, index terms

20 An approach to support automatic generation of user interfaces



October 1990 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 12 Issue 4

Publisher: ACM Press

Additional Information:

Full text available: pdf(3.55 MB)

full citation, abstract, references, citings, index

In traditional interactive programming environments, each application individually manages its interaction with the human user. The result is duplication of effort in implementing user interface code and nonuniform—hence confusing—input conventions. This paper presents an approach to support automatic generation of user interfaces in environments based on algebraic languages. The approach supports the editing model of interaction, which allows a user to view all appli ...

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